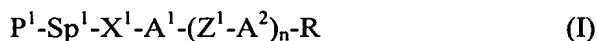


This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A liquid-crystalline medium comprising
  - a) one or more liquid-crystalline compounds and
  - b) polymers composed of one or more polymerizable compounds of the general formula (I)



where:

R is H, F, Cl, CN, SCN, SF<sub>5</sub>H, NO<sub>2</sub>, straight-chain or branched alkyl having from 1 to 12 carbon atoms, of which one or two nonadjacent CH<sub>2</sub> groups may be replaced by -O-, -S-, -CH=CH-, -CO-, -OCO-, -COO-, -O-COO-, -S-CO-, -CO-S-, -CH=CH- or -C≡C- in such a way that oxygen and/or sulfur atoms are not directly bonded together, or -X<sup>2</sup>-Sp<sup>2</sup>-P<sup>2</sup>,

P and P<sup>2</sup> are each independently a polymerizable group, preferably -O(CO)-(CH<sub>2</sub>)<sub>o</sub>-CH=CH<sub>2</sub>, -O(CO)-CH=CH-(CH<sub>2</sub>)<sub>p</sub>-H, -CH=CH-(CH<sub>2</sub>)<sub>q</sub>-H, or -O(CO)-C(CH<sub>3</sub>)=CH-(CH<sub>2</sub>)<sub>r</sub>-H where o, p, q, r = 0-8,

Sp<sup>1</sup> and Sp<sup>2</sup> are each independently a spacer group, preferably -(CH<sub>2</sub>)<sub>m</sub>- where m = 1-8, or a single bond,

X<sup>1</sup> and X<sup>2</sup> are each independently -O-, -S-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -CO-, -COO-, -OCO-, -OCO-O-, -CO-NR<sup>0</sup>-, -NR<sup>0</sup>-CO-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -SCH<sub>2</sub>-, -CH<sub>2</sub>S-, -CH=CH-COO-, -OOC-CH=CH- or a single bond,

A<sup>1</sup> and A<sup>2</sup> are each independently 1,4-phenylene in which one or more CH groups may be replaced by N, 1,4-cyclohexylene in which one or more nonadjacent CH<sub>2</sub> groups may be replaced by O and/or S, 1,4-cyclohexenylene, 1,4-bicyclo(2,2,2)octylene, piperidine-1,4-diyl, naphthalene-2,6-diyl, decahydronaphthalene-2,6-diyl, 1,2,3,4-tetrahydronaphthalene-2,6-diyl or indane-2,5-diyl, and all these groups may be unsubstituted or mono- or polysubstituted by L,

L is F, Cl, CN or alkyl, alkoxy, alkylcarbonyl, alkoxycarbonyl or alkylcarbonyloxy having from 1 to 7 carbon atoms, in which one or more hydrogen atoms may be replaced by F or Cl,

Z<sup>1</sup> is -O-, -S-, -CO-, -COO-, -OCO-, -O-COO-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -SCH<sub>2</sub>-, -CH<sub>2</sub>S-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CF<sub>2</sub>-S-, -SCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -

CF<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>-CF<sub>2</sub>-, -CF<sub>2</sub>-CF<sub>2</sub>-, -CH=CH-, -CF=CF-, -C≡C-, -CH=CH-COO-, -OCO-CH=CH-, CR<sup>0</sup>R<sup>00</sup> or a single bond, and

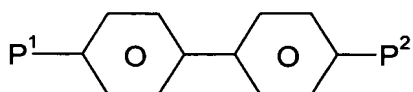
R<sup>0</sup> and R<sup>00</sup> are each independently H or alkyl having from 1 to 4 carbon atoms,

n is 0, 1 or 2.

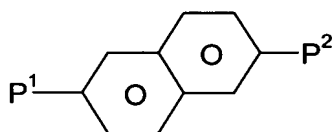
2. (Original) A liquid-crystalline medium as claimed in claim 1, characterized in that the polymerizable compounds are selected from the following formulae



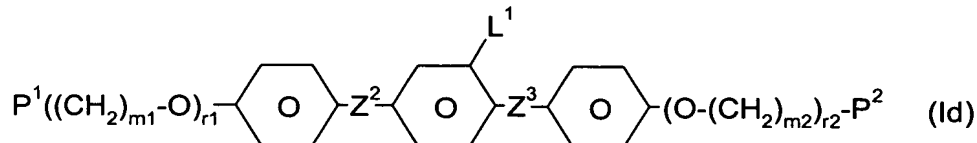
(Ia)



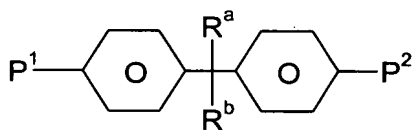
(Ib)



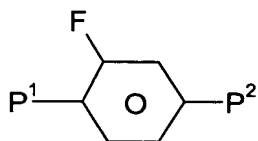
(Ic)



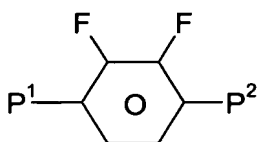
(Id)



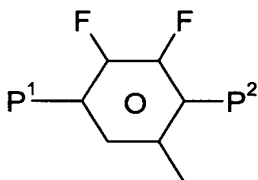
(Ie)



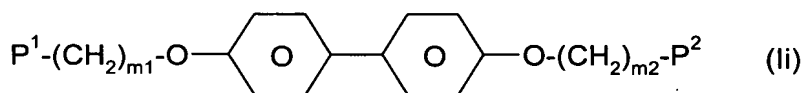
(If)



(Ig)



(Ih)

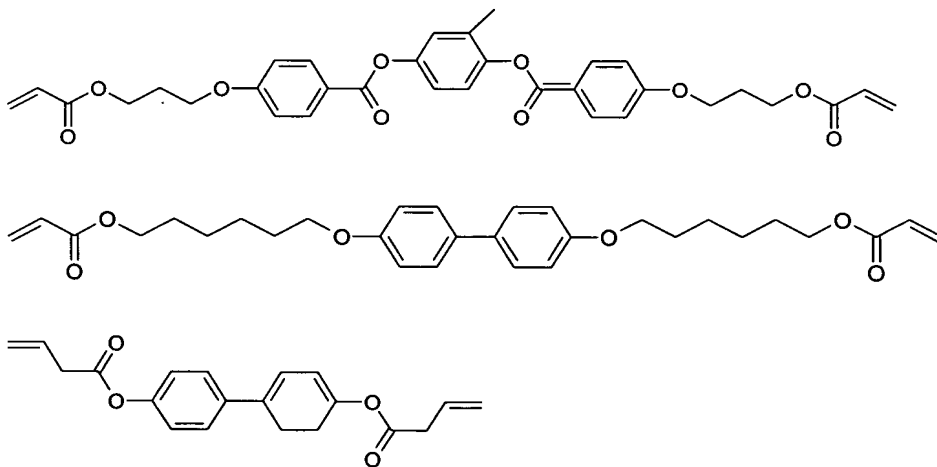


(Ii)

where P<sup>1</sup> and P<sup>2</sup> are each as defined above, Z<sup>2</sup> and Z<sup>3</sup> are each independently as defined for Z<sup>1</sup>, m<sub>1</sub> and m<sub>2</sub> are each independently from 1 to 8, r<sub>1</sub> and r<sub>2</sub> are each independently 0 or 1, and R<sup>a</sup> and R<sup>b</sup> are each independently H or CH<sub>3</sub>, and L<sup>1</sup> is H or -CH<sub>3</sub>.

3. (Currently Amended) A liquid-crystalline medium as claimed in claim 1 ~~or 2~~, characterized in that P<sup>1</sup> and P<sup>2</sup> are each independently a polymerizable group selected from -O(CO)-(CH<sub>2</sub>)<sub>o</sub>-CH=CH<sub>2</sub>, -O(CO)-CH=CH-(CH<sub>2</sub>)<sub>p</sub>-H, -CH=CH-(CH<sub>2</sub>)<sub>q</sub>-H and -O(CO)-C(CH<sub>3</sub>)=CH-(CH<sub>2</sub>)<sub>r</sub>-H where o, p, q, r = 0-8.

4. (Currently Amended) A liquid-crystalline medium as claimed in claim 1 ~~one of claims 1-3~~, characterized in that the polymerizable compound is selected from the following compounds:



5. (Currently Amended) A liquid-crystalline medium as claimed in claim 1 ~~one of claims 1-4~~ comprising 0.01-10% by weight of polymer b).
6. (Currently Amended) A mixture for producing liquid-crystalline media as claimed in claim 1 ~~one of claims 1-5~~ comprising
- a) one or more liquid-crystalline compounds,
  - b) one or more compounds of the general formula I,
  - c) optionally one or more polymerization initiators.
7. (Currently Amended) A liquid crystal switching element comprising a liquid crystal layer of liquid-crystalline medium as claimed in claim 1 ~~one of claims 1-5~~.
8. (Original) An electrooptical liquid crystal display system comprising a multitude of liquid crystal switching elements as claimed in claim 7 which are arranged in matrix form.